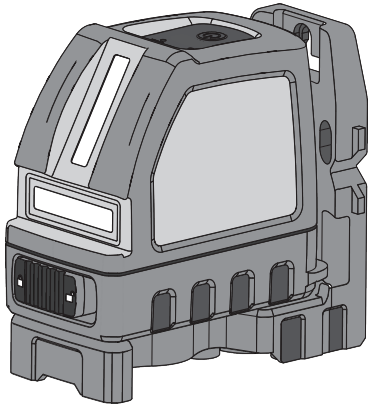
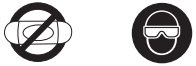
Self-Leveling Cross Line Laser





Thank you for purchase of our laser tool.

Please read these instructions thoroughly before operations.

Contents

* Safety

* Applications

* Product Overview

* Operation Modes and LED Indications

* User Guide, Maintenance and Care

* Specifications

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Safety

WARNING:

• *Read the **Safety Instructions** and **User Manual** thoroughly before using this product. All users must fully understand and adhere to these instructions.*

CAUTION:

• *While the product is in operation, be careful not to expose your eyes to the emitting laser beam (red light source). Exposure to a laser beam for an extended time may be hazardous to your eyes.*

WARNING:

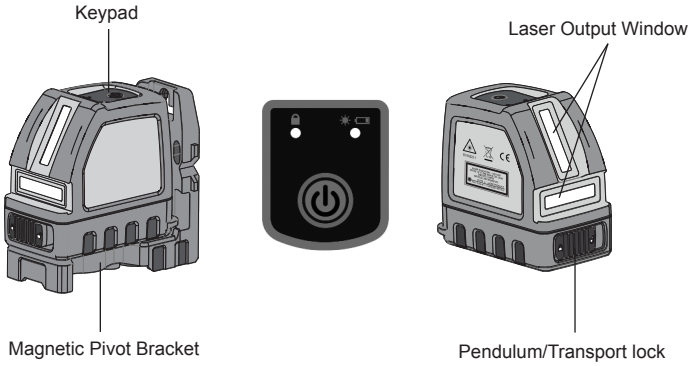
• *The following label/print samples are placed on the product to inform of the laser class for your convenience and safety.*

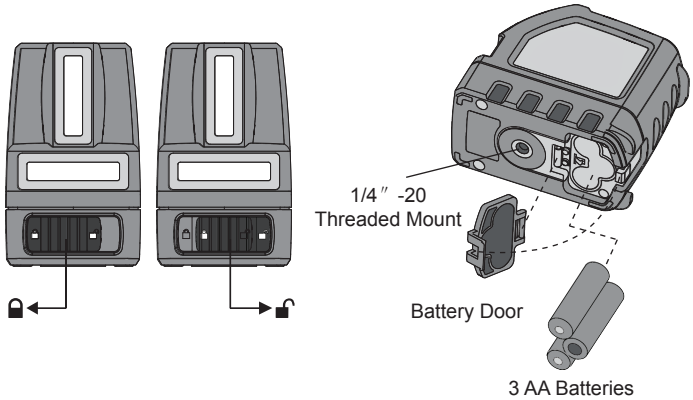
• *Do not stare directly into the beam or view directly with optical instruments or set up the laser at eye level.*

Applications

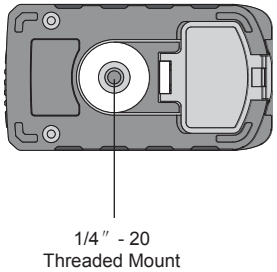
• *Wall layout, partitions, ceilings, leveling base, wall units, alignment of pipes, conduit, electrical sockets, switches, tiles, carpentry and door/window frame.*

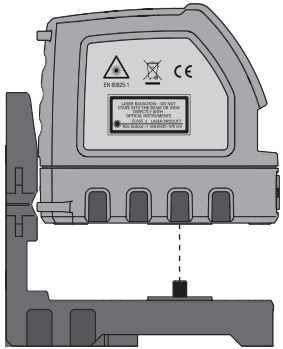
Product Overview

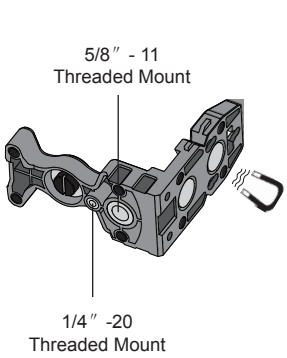


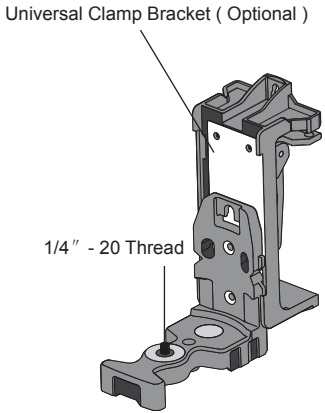


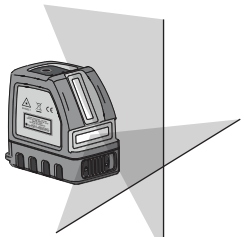
Product Overview

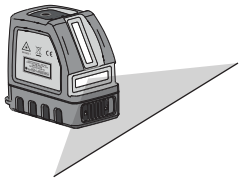


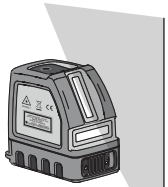


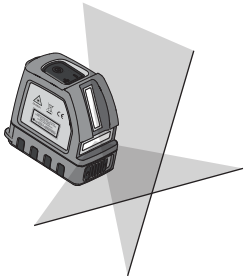


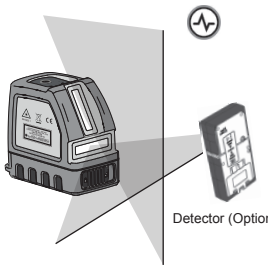




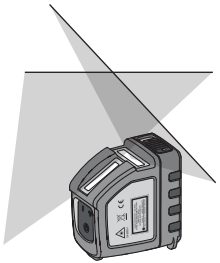








Detector (Optional)



Operation Modes and LED Indications

Operation	On/Off Key	Laser lines	LED & Beam Indication
Switch on	Short press	H & V on	*LED red constantly on when pendulum locked, Beam(s) flash. *LED red and laser beam (s) flashes when out of level.
Switch line	Short press	H on V off	
	Short press	H off V on	
	Short press	H & V on	
Out of level			
Switch off	Ultra long press	H & V off	
Power indication			*LED Green on *LED Red on when low battery
Full time pulse & De-pulse	switch on tool	Activated	
	Long press	Deactivated	
	long press	Re-activated	

Note: “activate & deactivate” pulse mode by long press (2s＜T＜2.5s) and “power” LED blinks to indicate success in such mode switch. Ultra long press (T＞3s)

User Guide, Maintenance and Care

- The laser tool is sealed and calibrated at the plant to the accuracies specified.
- It's recommended to carry out a accuracy check before its first use and periodic checks during future use especially for precise layouts.
- When not in use, please power **OFF** the tool and place the pendulum lock in its locked position.
- In Manual Mode, self leveling is **OFF**. The accuracy of the beam is not guaranteed to be level.
- Do not short any battery terminals or charge alkaline batteries or dispose of batteries in fire.
- Do not store the laser tool in direct sunlight or expose it to high temperatures. The housing and some internal parts are made of plastics and may become deformed at high temperatures.
- Do not use aggressive cleaning agents or solvents.
- Store the tool in its case when not in use. If storing for extended time, remove batteries before storage to prevent possible damage.

Specifications

Leveling Acc.	≤2mm@10m	Laser Class	2
H & V Acc.	≤2mm@10m	Wavelength	635nm
Self-Leveling Range	±4°	Operating Time	Up to 20 h
Level Time	≤3s	Power Source	3 AA Cells
Working Range	30m, ⩾50m detector	IP Rating	IP54
Operating Temp.	-10℃~ 50℃	Storage Temp.	-20℃~70℃

Kit Content

Item	Description	Quantity&Remarks
1	Laser Tool with Magnetic Pivot Bracket	1
2	User Manual	1
3	AA Size Battery	3
4	Soft Pouch	1
5	Red Grid Laser Target	1
6	Quick Clamp	Optional
7	Universal Bracket Clamp	Optional
8	Detector	Optional

Warranty - One Year Warranty

We warrant our laser level(s) against faults in materials and/or workmanship for one year from date of purchase.

Faulty products will be repaired or replaced, at our option, if sent together with proof of purchase to our authorized distributor(s). This Warranty does not cover faults caused by accidental damage, wear and tear, and use other than in accordance with the manufacturers' instructions or repair or alteration of this product not authorized by us.

Repair or replacement under this Warranty does not affect the expiry date of the Warranty.

To the extent permitted by law, we shall not be liable under this Warranty for indirect or consequential loss resulting from faults in this product. This Warranty may not be varied without the authorization. Calibration and care are not covered by warranty.

NOTE:

• *The customer is responsible for the correct use and care of the tool. Moreover, the customer is completely responsible for periodically checking the accuracy of the laser, and therefore for the calibration of the tool.*